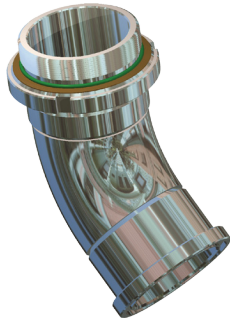


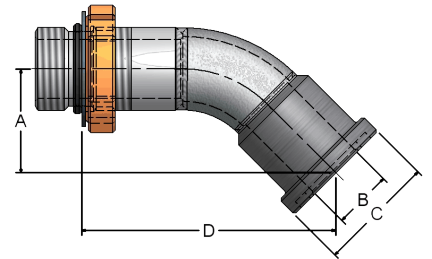
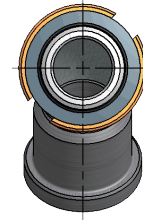
ESS SPLIT HEAD TO THREAD 45°

Convert SAE/ISO/BSP ports to Split Flange connection ~ 3/4"-6"



The 45° **ESS** compliments the design flexibility introduced by **SSE** (page 18). Rigid mechanical mounting of suspended valves is made simple and repeatable.

- Standard and expanded SAE/ISO6149/BSP connections from 3/4"-6" size
- Engineered in tandem with DMIC **BVAL** valves, there is never a question of compatibility, tolerances, or fit
- Step size versions and stainless steel available
- Made in U.S.A.



ESS		C.61 Split Flange Head to Thread, 45° Elbow						
Part Number		Port Size	Dimensions IN				Lbs	Split Flange Kit
SAE	ISO-6149		A	B	C	D		
ESS-07SM-07S	ESS-07SM-07IU	3/4"	1.32	0.75	1.50	3.23	0.60	FSL-0750SK
ESS-10SM-10S	ESS-10SM-10IU	1"	1.32	1.00	1.75	3.22	0.9	FSL-1000SK
ESS-12SM-12S	ESS-12SM-12IU	1 1/4"	1.43	1.25	2.00	3.61	1.30	FSL-1250SK
ESS-15SM-15S	ESS-15SM-15IU	1 1/2"	1.54	1.50	2.38	3.88	1.70	FSL-1500SK
ESS-20SM-20S	ESS-20SM-20IU	2"	1.76	2.00	2.81	4.41	2.60	FSL-2000SK
ESS-25SM-25S	ESS-25SM-25IU	2 1/2"	2.34	2.50	3.31	5.35	4.30	FSL-2500SK
ESS-30SM-30S	ESS-30SM-30IU	3"	2.64	3.00	4.00	6.16	7.00	FSL-3000SK
ESS-40SM-40S	ESS-40SM-40IU	4"	2.99	4.00	5.00	7.13	10.20	FSL-4000SK

Ordering Codes

ESS - ****** **SM** - ****** **S** - **1** **1**

First Size Code	
Code	Port Size
07	3/4"
10	1"
12	1 1/4"
15	1 1/2"
20	2"
25	2 1/2"
30	3"
40	4"
50	5" - Call
60	6" - Call

Split Flange Side	
Code	Description
SM	C.61 Split Flange Head

Choose Adapter Size
Replace ** with the desired adapter size.

Two different size codes selects step size option.

Second Size Code	
Code	Port Size
07	3/4"
10	1"
12	1 1/4"
15	1 1/2"
20	2"
25	2 1/2"
30	3"
40	4"
50	5" - Call
60	6" - Call

Thread Side	
Code	Description
S	Swivel SAE-M ORB
IU	Swivel ISO6149-M
B	Swivel BSPP-M

Split Flange Connection

The SAE Split Flange Head is universal in imperial and metric markets. Please order a metric hardware kit where appropriate to your system. Express order a Split Flange Kit by appending suffix /SFK.

Alternate Thread Standard

Replace the "S" SAE ORB standard thread connection with a choice from the "Thread Side" table. Please call to confirm price and availability.

O-Ring Elastomer	
Code	Description
1	Buna-N (standard)
2	Ethylene Propylene "EPR"
3	Viton

Adapter Material	
Code	Description
1	Low Carbon Steel
2	Stainless Steel

Due to our policy of continual product improvement, the specifications in this catalog may change without notice. When designing by spec, please request a certified print.

